

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions of claims in the application.

Claim 1 (Currently Amended): A moving picture file distributing device which receives a moving picture file by uploading and stores it in storage means, and distributes the moving picture file stored in the storage means to a client by downloading, comprising:

a server section directly connected to a buffer memory;

an upload buffer generating means and a download buffer generating means connected to said buffer memory;

said upload buffer generating means [[for]] dynamically generating an upload buffer for temporarily holding a moving picture file at the time of reception correspondently to [[a]] an upload session identification number for a session; and

said download buffer generating means [[for]] dynamically generating a download buffer for temporarily holding a moving picture file at the time of distribution correspondently to ~~another~~ a download session identification number for another session,

a file input/output section directly connected to the upload and download buffer generating means and the buffer memory;

wherein the upload buffer is generated after the upload session identification number is ~~notified~~ received by the upload buffer generating means, and the download buffer is generated after the download ~~another~~ session identification number is received by the download buffer generating means ~~notified~~,

wherein the moving picture file distributing device is a server.

Claim 2 (Previously Presented): The moving picture file distributing device of claim 1, further comprising:

means for, after holding an entire moving picture file in the upload buffer is completed, transferring the moving picture file to the storage means; and

means for, after an entire moving picture file is transferred to the storage means, eliminating the upload buffer,

wherein the upload buffer generating means generates an upload buffer when uploading is started.

Claim 3 (Currently Amended): The moving picture file distributing device of claim 1, further comprising:

means for, ~~each time holding fragments in a moving picture file~~ a fragment, which is a small part broken off from a moving picture, in the upload buffer ~~by one fragment is completed,~~ and transferring the ~~fragments~~ fragment from the upload buffer to the storage means ~~by one fragment at a time;~~ and

means for ~~eliminating the upload buffer~~ after all the fragments in a moving picture file are transferred to the storage means; ~~eliminating the upload buffer,~~

wherein the upload buffer generating means generates an upload buffer when uploading is started.

Claim 4 (Previously Presented): The moving picture file distributing device of claim 1, further comprising:

means for, at the same time with the generation of the download buffer, transferring a moving picture file to be downloaded from the storage means to the download buffer; and

means for, after an entire moving picture file is downloaded, eliminating the download buffer,

wherein the download buffer generating means generates a download buffer when downloading is started.

Claim 5 (Currently Amended): The moving picture file distributing device of claim 1, further comprising:

means for, ~~at the same time with the generation of a download buffer~~, transferring a moving picture file to be downloaded from the storage means to the download buffer by one fragment at a time;

wherein said transfer is done concurrently with the generation of a download buffer; and

means for downloading fragments from the download buffer, and eliminating the download buffer after all fragments in a moving picture file are downloaded,

wherein the download buffer generating means generates a download buffer when downloading is started.

Claim 6 (New): A moving picture file distributing device, comprising:
a network interface,
a server section directly connected to the network interface and a buffer memory;
an upload buffer generator and a download buffer generator connected to said buffer memory;

said upload buffer generator dynamically generates an upload buffer for temporarily holding a moving picture file after an upload session identification number for an upload session has been received; and

said download buffer generator dynamically generates a download buffer for temporarily holding a moving picture file after a download session identification number for a download session has been received,

a file input/output unit directly connected to the upload and download buffer generator and the buffer memory;

a storage unit connected to the file input/output section

wherein the upload buffer is generated after the upload session identification number is received, and the download buffer is generated after the download session identification number is notified,

wherein the moving picture file distributing device is a server.

Claim 7 (New): The moving picture file distributing device according to claim 6, wherein,

a unique upload or download session identification number is created during each occurrence of a new file to be uploaded or downloaded as requested by a user.

Claim 8 (New): The moving picture file distributing device according to claim 6, wherein,

the upload buffer generator dynamically generates a plurality of dynamic upload buffers.

Claim 9 (New): The moving picture file distributing device according to claim 6, wherein,

the download buffer generator dynamically generates a plurality of download buffers.